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AMENDMENT

Please amend the application as indicated hereafter.

To the claims:

1. (currently amended) A dual microphone module communication device for a

teleconference system having multiple microphone ports, comprising, within each

microphone port:

a first microphone module for receiving a near-end audio signal and amplifying

the near-end audio signal to produce a first audio signal;

a second microphone module for receiving the near-end audio signal, wherein

the second microphone module has a fixed gain and the second microphone module shifts

a phase of the near-end audio signal to produce a second audio signal with a phase

difference relative to the near-end audio signal; and

a mixer circuit for receiving the first audio signal and the second audio signal and

subtracting the second audio signal from the first audio signal to produce a third audio

signal;

wherein the dual microphone module communication device is characterized in

that the first microphone module and the second microphone module faces face at least a

user at a predetermined direction for receiving the near-end audio signal and a

loudspeaker faces a direction within a range just opposite to the predetermined direction,

and the direction in which the loudspeaker outputs [[the]] a far-end audio signal is

opposite to the predetermined direction.

2. (currently amended) The dual microphone module communication device of

claim 1, wherein the device further comprises further comprising:

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a control unit coupled to the mixer circuit and the loudspeaker, wherein the

control unit receives [[a]] the far-end audio signal from a far-end communication terminal

via a communication network and broadcasts the far end far-end audio signal through the

loudspeaker, and the control unit also converts the third audio signal into an electrical

audio frequency signal and transmits the audio frequency signal to the far-end

communication terminal via the communication network.

3. (cancelled)

4. (currently amended) The dual microphone module communication device of

claim 1, wherein the first microphone module-further comprises:

a first microphone for receiving the near-end audio signal; and

a gain modulation circuit coupled to the output terminal of the first microphone

for amplifying the near-end audio signal to produce the first audio signal and transmitting

the first audio signal to the mixer circuit.

5. (currently amended) The dual microphone module communication device of

claim 1, wherein the second microphone module-further comprises:

a second microphone for receiving the near-end audio signal; and

a phase-shift circuit coupled to the output terminal of the second microphone,

wherein the phase-shift circuit has a fixed gain and the phase-shift circuit shifts the phase

of the near-end audio signal to produce the second audio signal with a phase difference

relative to the near-end audio signal before sending the second audio signal to the mixer

circuit.

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6. (currently amended) The <u>dual microphone module</u> communication device of

claim 1, wherein the mixer circuit further comprises a subtraction unit with a first signal

input terminal and a second signal input terminal such that the subtraction unit subtracts

the second audio signal from the first audio signal to produce the third audio signal after

the first signal input terminal has received the first audio signal and the second signal

input terminal has received the second audio signal.

7. (currently amended) The dual microphone module communication device of

claim 1, wherein the near-end audio signal further comprises an acoustic signal produced

by a user the user or [[a]] the loudspeaker.

8. (currently amended) A teleconference system, comprising:

a control unit;

an input module, having a first audio signal input terminal and a second audio

signal input terminal for receiving a near-end audio signal, wherein the near-end audio

signal fed to the first audio signal input terminal is amplified to produce a first audio

signal, the near-end audio signal fed to the second audio signal input terminal is provided

with a fixed gain and phase-shifted to produce the second audio signal with a phase

difference relative to the near-end audio signal, and the input module also subtracts the

second audio signal from the first audio signal to produce a third audio signal;

an output module for outputting a far-end audio signal; and

a communication network coupled to the control unit and a far-end

communication terminal,

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wherein the control unit picks up the far-end audio signal from the far-end

communication terminal via the communication network and broadcasts the audio

message through the output module, the control unit also transmits the third audio signal

to the far-end communication terminal via the communication network, and the

teleconference system is characterized in that the input module faces at least a user at a

predetermined direction for receiving the near-end audio signal and the output module

faces a direction within a range just opposite to the predetermined direction, and the

direction in which the output module outputs the far-end audio signal is opposite to the

predetermined direction.

9. (cancelled)

10. (currently amended) The teleconference system of claim 8, wherein the input

module-further comprises:

a gain modulation circuit coupled to the first audio signal input terminal for

amplifying the near-end audio signal to produce the first audio signal;

a phase-shift circuit coupled to the second audio signal input terminal for fixing

the gain of the near-end audio signal and shifting the phase of the near-end audio signal by

a definite amount to produce the second audio signal; and

a subtraction unit with a first signal input terminal, a second signal input terminal

and an output terminal, wherein the subtraction unit subtracts the second audio signal

from the first audio signal to produce the third audio signal at the output terminal after the

first signal input terminal has received the first audio signal and the second signal input

terminal has received the second audio signal.

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11. (original) The teleconference system of claim 8, wherein the output module

comprises a loudspeaker.

12. (original) The teleconference system of claim 8, wherein the communication

network comprises a public telephone exchange network.

13. (currently amended) The teleconference system of claim 8, wherein the

near-end audio signal comprises an acoustic signal produced by a user the user [[of]] or

[[an]] the output module.

14. (currently amended) A method of carrying out a teleconference, comprising:

receiving a near-end audio signal from a near-end communication terminal

through an input module;

amplifying the near-end audio signal to produce a first audio signal;

fixing the gain of the near-end audio signal and shifting the phase of the

near-end audio signal by a definite amount to produce a second audio signal;

subtracting the second audio signal from the first audio signal to produce a third

audio signal and transmitting the third audio signal to a far-end communication terminal;

and

outputting a far-end audio signal through an output module, wherein the input

module faces at least a user at a predetermined direction for receiving the near-end audio

signal and the output module faces a direction within a range just opposite to the

predetermined direction, and the direction in which the output module outputs the far-end

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audio signal is opposite to the predetermined direction.

15. (original) The method of claim 14, wherein the step of transmitting the third

audio signal to the far-end communication terminal comprises:

converting the third audio signal into an electrical audio frequency signal; and

transmitting the electrical audio frequency signal to the far-end communication

terminal via a communication network.

16. (original) The method of claim 14, wherein the communication network

comprises a public telephone exchange network.

17. (currently amended) The method of claim 14, wherein the near-end audio

signal comprises an acoustic signal produced by-at-least one user the user or the output

module.